



CARPENTER
Specialty Alloys

Carpenter Technology Corporation
P.O. Box 14662
Reading, PA 19612-4662

Tel: 610.208.2000

CERTIFIED MAIL

June 25, 2014

Mr. Stephen Hon Lee
Environmental Engineer, PA/DC Section
United States Environmental Protection Agency
Region III
1650 Arch Street
Philadelphia, PA 19103-2029

**Subject: Carpenter Technology Corrective Action Groundwater Monitoring Results
RCRA Corrective Action Permit N0. PAD002344315**

Dear Mr. Lee,

In accordance with the Media Cleanup Requirements/Points of Compliance (POC) section of our Corrective Action Permit, I am submitting the attached POC monitoring results for the first half of 2014. Data was consistent with previous results. I am also including updated trend data for each POC. The data demonstrates that the remediation system has been effective in reducing contaminant concentrations below or near MCLs.

In 2009, Carpenter requested closure of the monitoring wells and remediation system. A copy of that request is included with the attached PENTOXSD Report. Based on a discussion with EPA, the PENTOXSD analysis was conducted. The report demonstrated that Carpenter was meeting stream discharge standards. The most recent two year average concentrations of the modeled parameters are less than the input values to the PENTOXSD model. See attached data sheet.

Below is a comparison to current results to the PADEP non-use aquifer standards for groundwater and the EPA's/PADEP standards for drinking water. As noted, all values are below the non-use aquifer standards. Seventeen of the twenty-five values are below the drinking water standards, while the remaining values are very close to MCL.

Two Year Average Well Data Comparison to Standards

ug/l					
Non-Use Aquifer	TCA	DCE	cis DCE	PCE	TCE
PADEP MSC	2000	70	700	50	50
89-01	Below	Below	Below	Below	Below
89-07	Below	Below	Below	Below	Below
92-04D	Below	Below	Below	Below	Below
92-05D	Below	Below	Below	Below	Below
92-07	Below	Below	Below	Below	Below

ug/l					
Drinking Water	TCA	DCE	cis DCE	PCE	TCE
MCL	200	7	70	5	5
89-01	Below	Below	Below	13.5	5.5
89-07	Below	Below	Below	Below	Below
92-04D	Below	Below	Below	Below	7.0
92-05D	Below	Below	Below	10.3	5.5
92-07	Below	10.5	Below	30.5	9.3

As the remaining concentrations in the wells are below clean-up standards for non-use aquifers, residual concentrations are below or very near MCLs, levels of contaminants exceeding MCLs have remained relatively steady for the past the three years and the demonstration by the PENTOXSD model that the discharge to the river is below standards, Carpenter respectfully requests that EPA approve the requested closure of monitoring wells and associated remediation system.

Thank you for your cooperation with this matter. If you have any questions, please contact me at 610-208-3018.

Sincerely,



Sean McGowan
 Manager – Environmental Affairs
 smcgowan@cartech.com
 (610) 208-3018